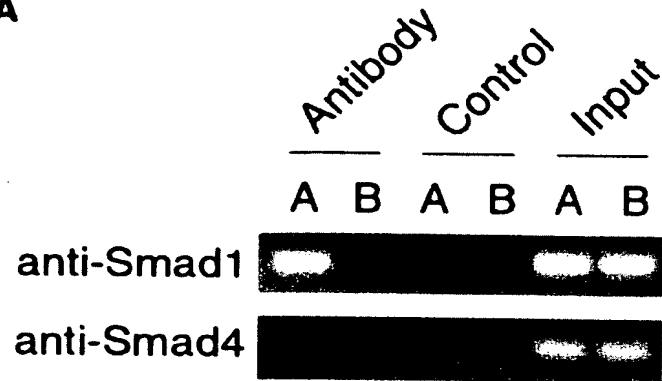
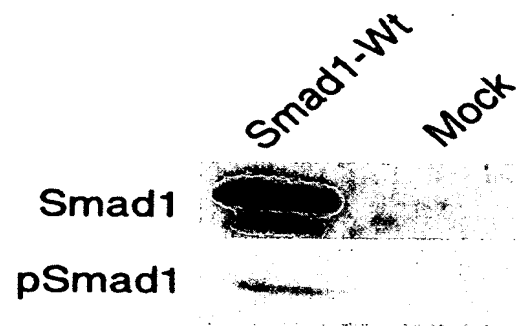


Fig. 1

A



B



C

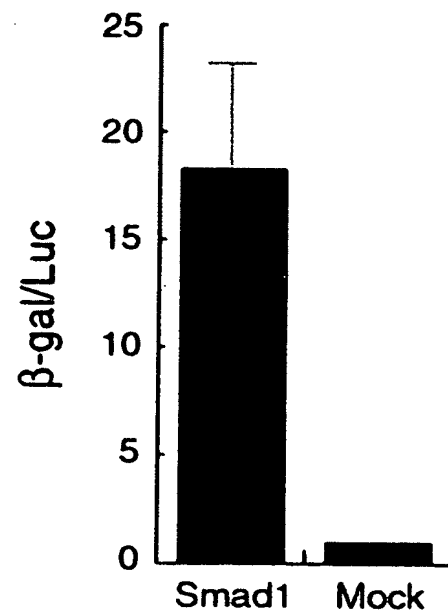


Fig. 2

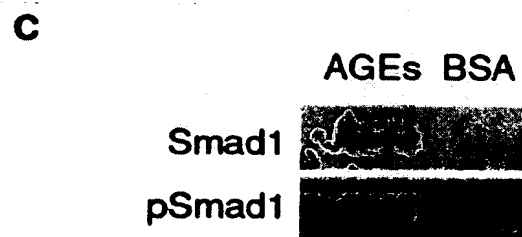
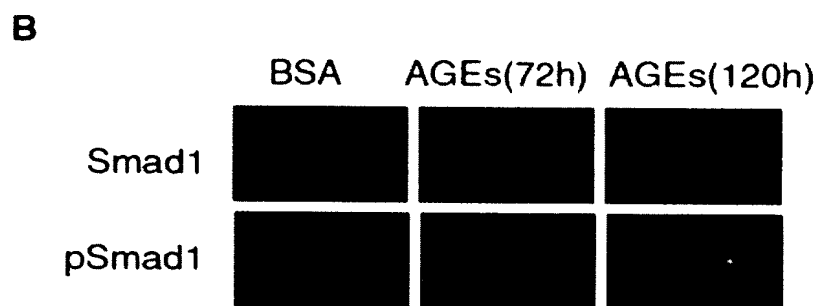
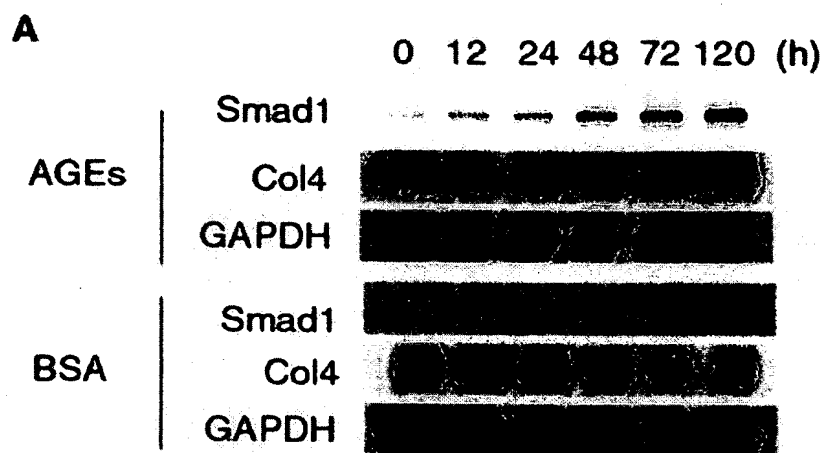
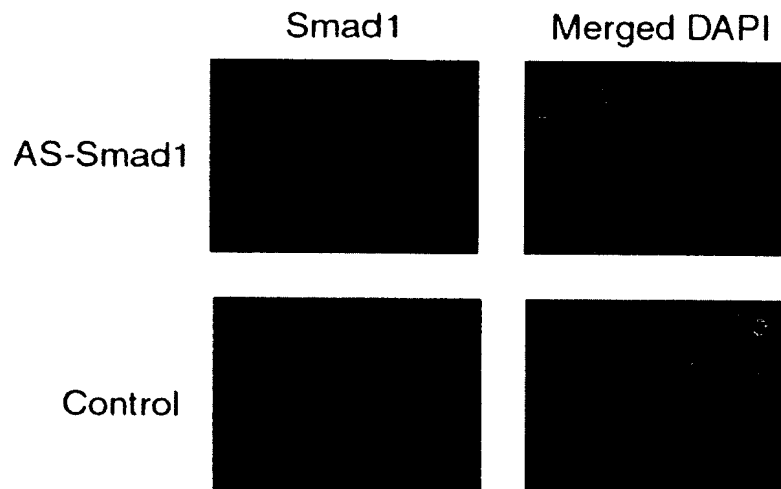


Fig. 3

A



B



C

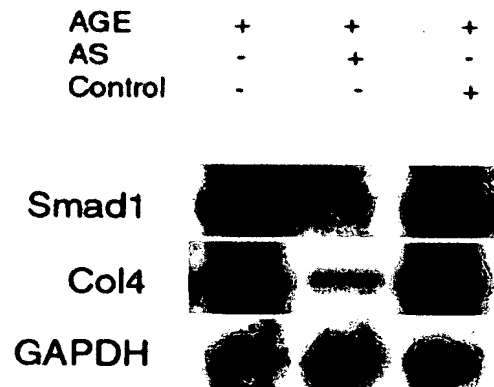


Fig. 4

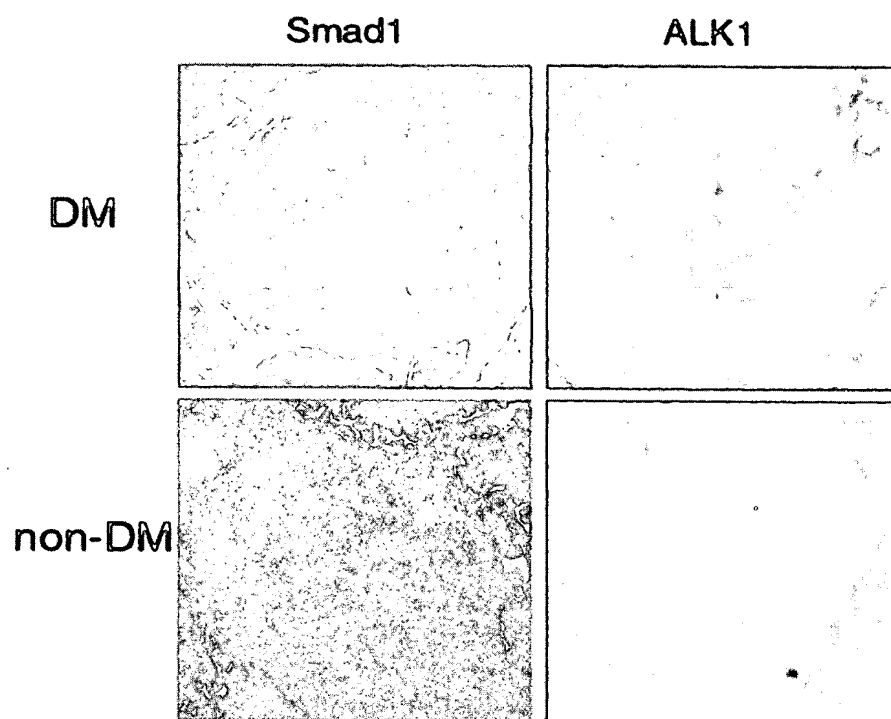


Fig. 5

Array analysis (AGEs stimulation on mMC)

AGE/BSA Ratio AGE/BSA(color swap)

<i>BMP4</i>	21.25	2.32
<i>BMP1</i>	2.06	2.07
<i>SMADI</i>	1.27	1.22
<i>RAGE</i>	1.15	5.6
<i>TGFbRII</i>	0.49	12.1
<i>TGFbRI</i>	1.15	1.1
<i>ALK3</i>	1.18	1.3
<i>BMPRII</i>	2.06	4.74

Fig. 6

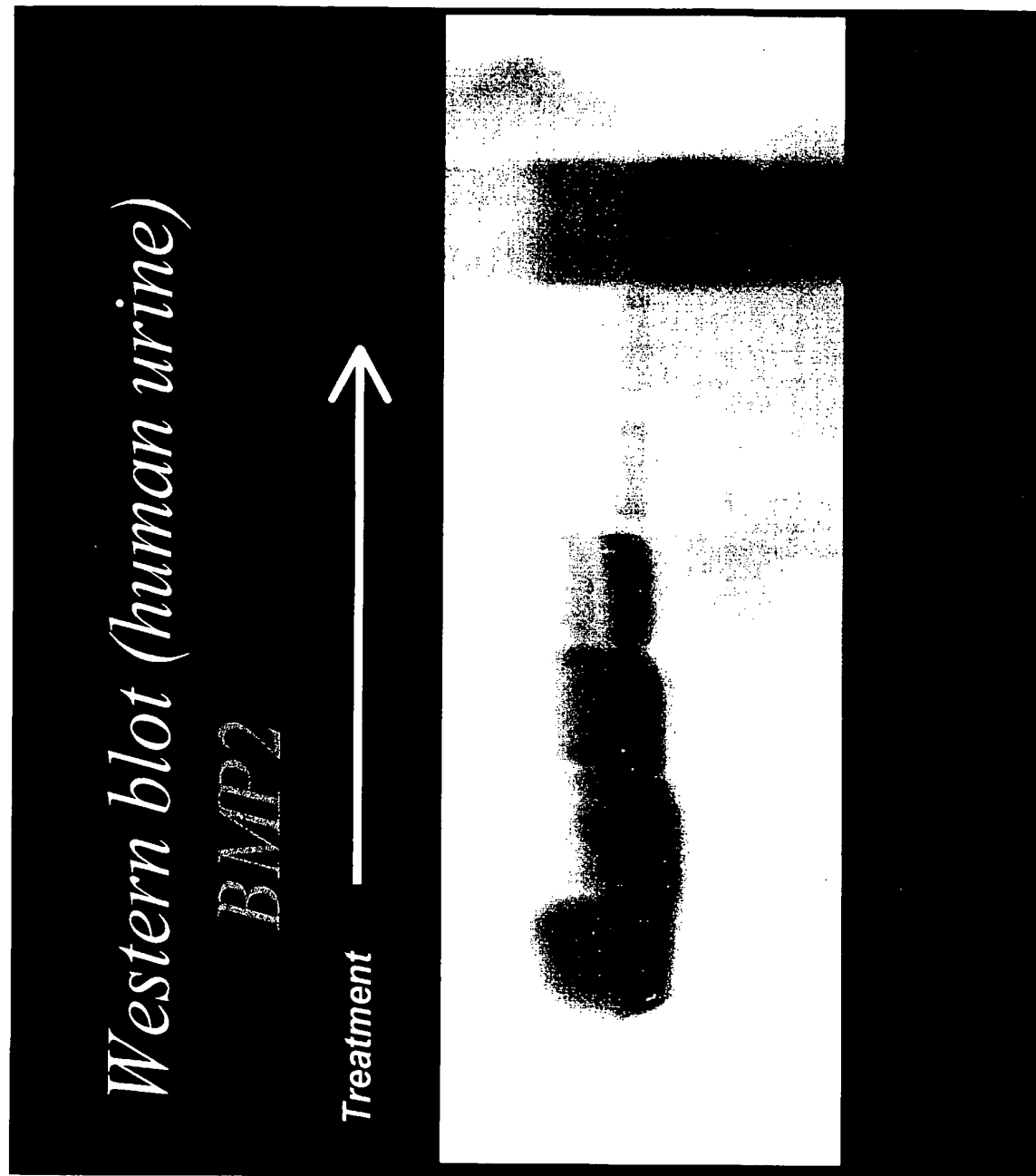


Fig. 7

Western blot (TGF β time course)

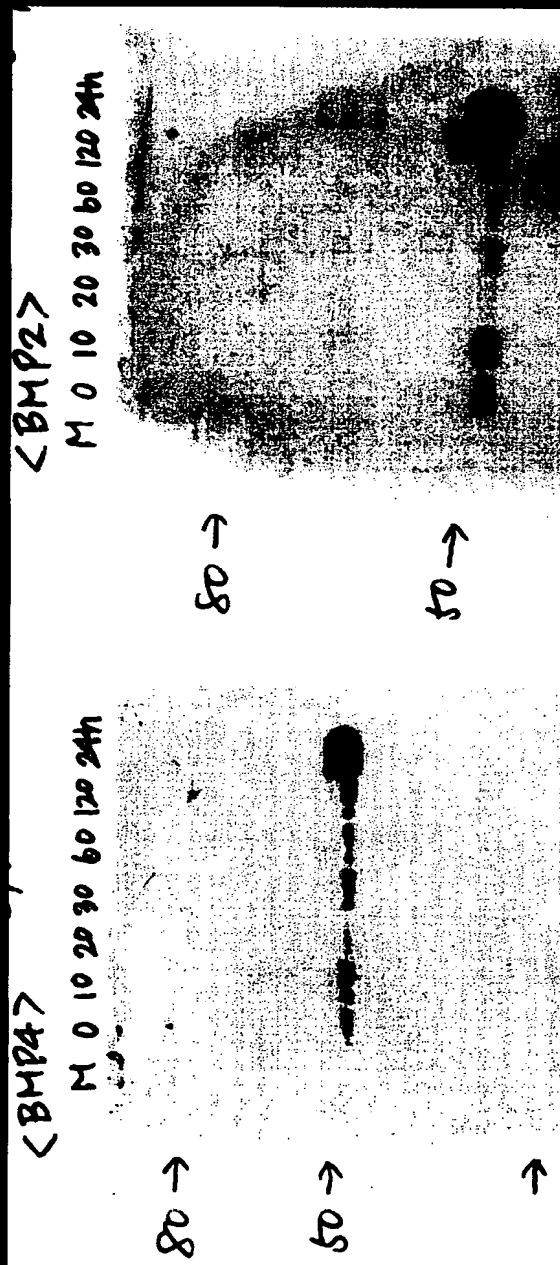


Fig. 8

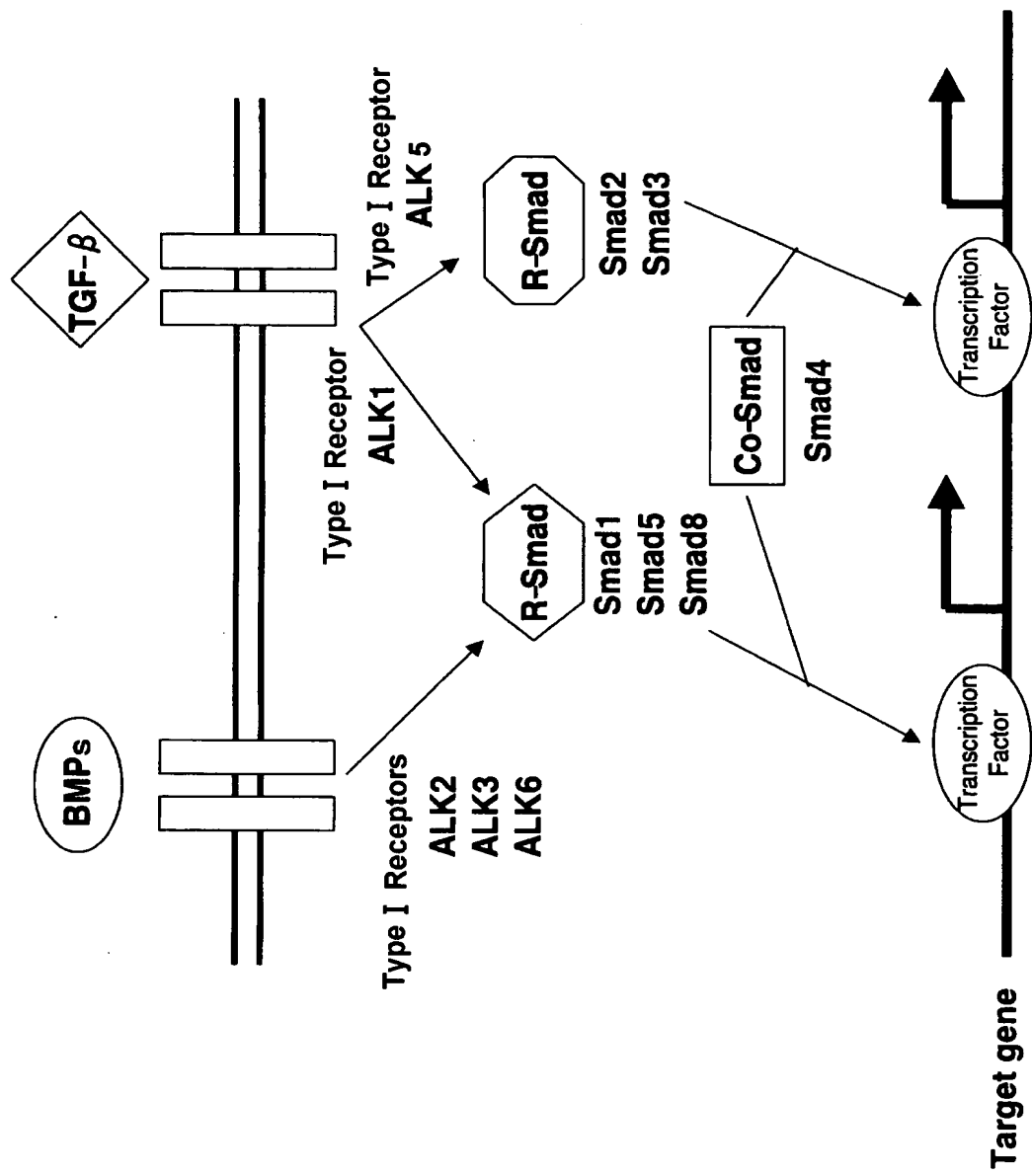


Fig. 9

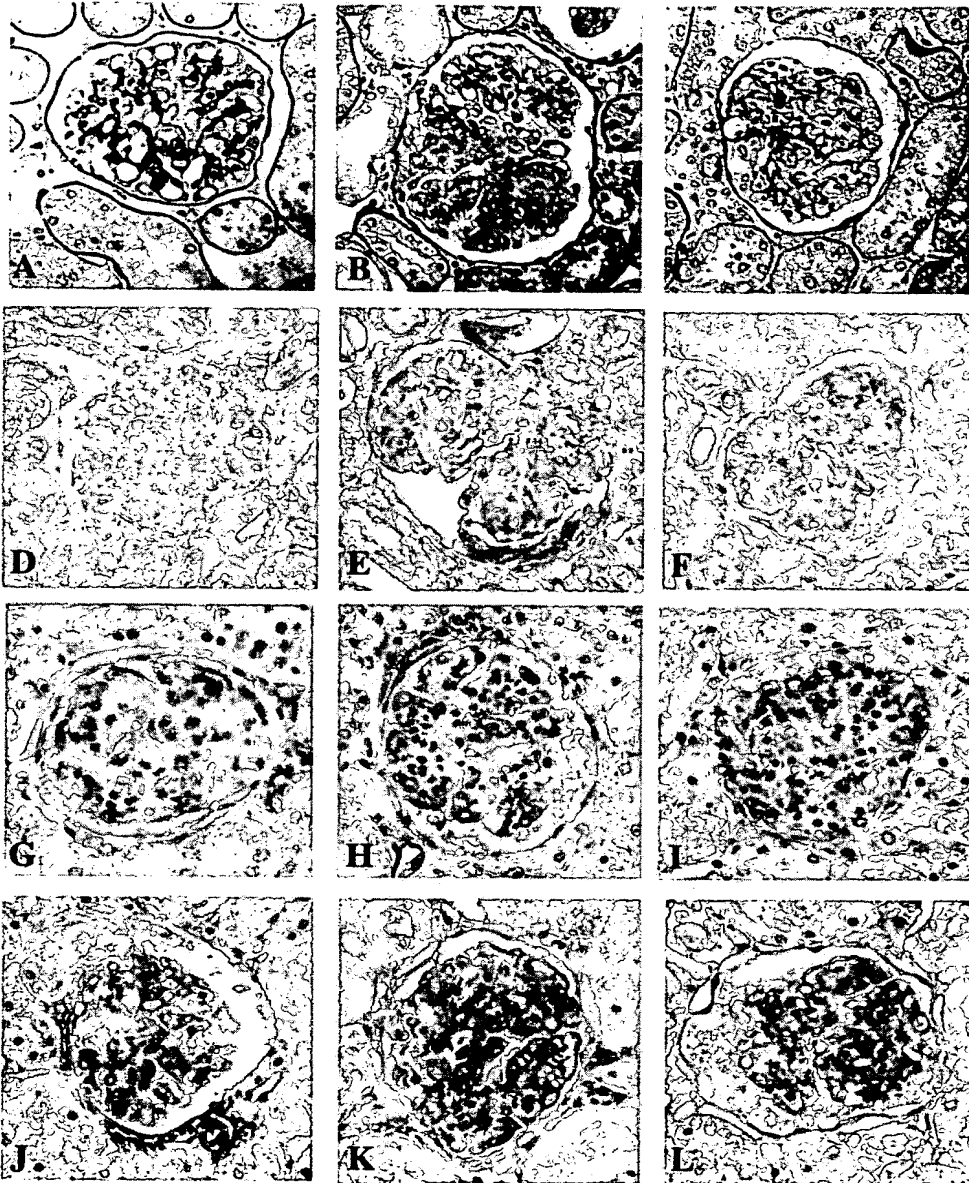


Fig. 10

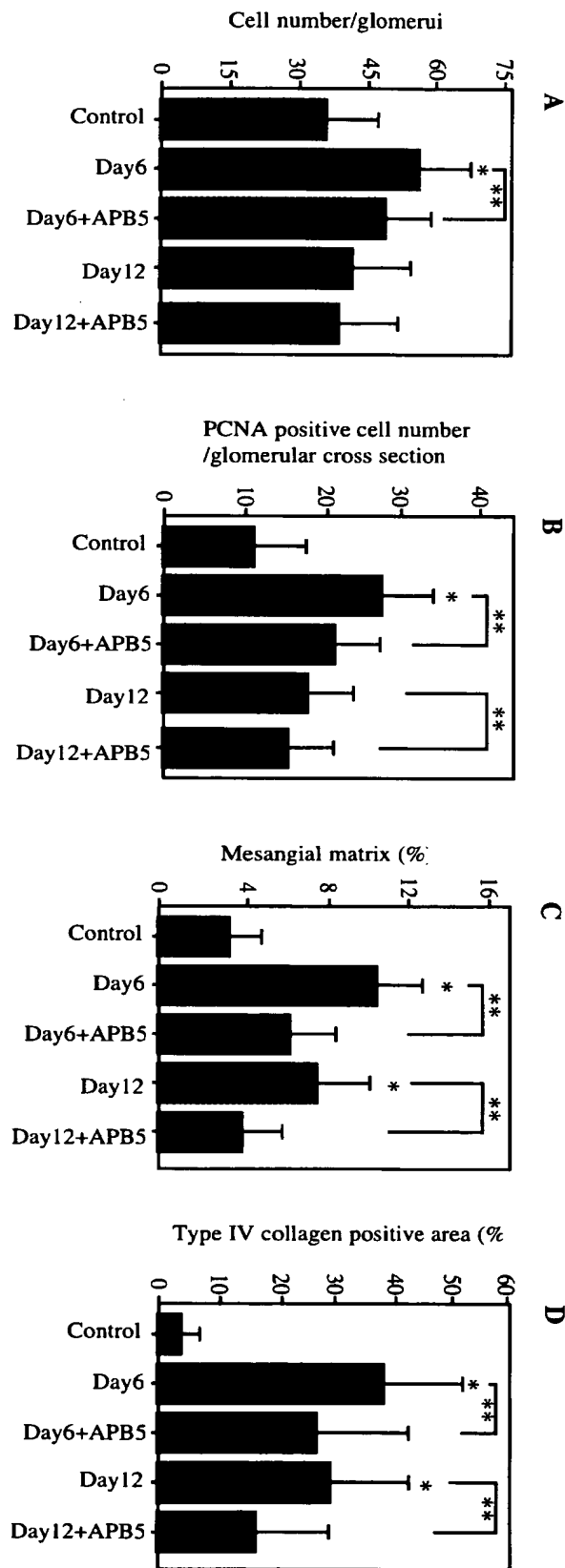


Fig. 11

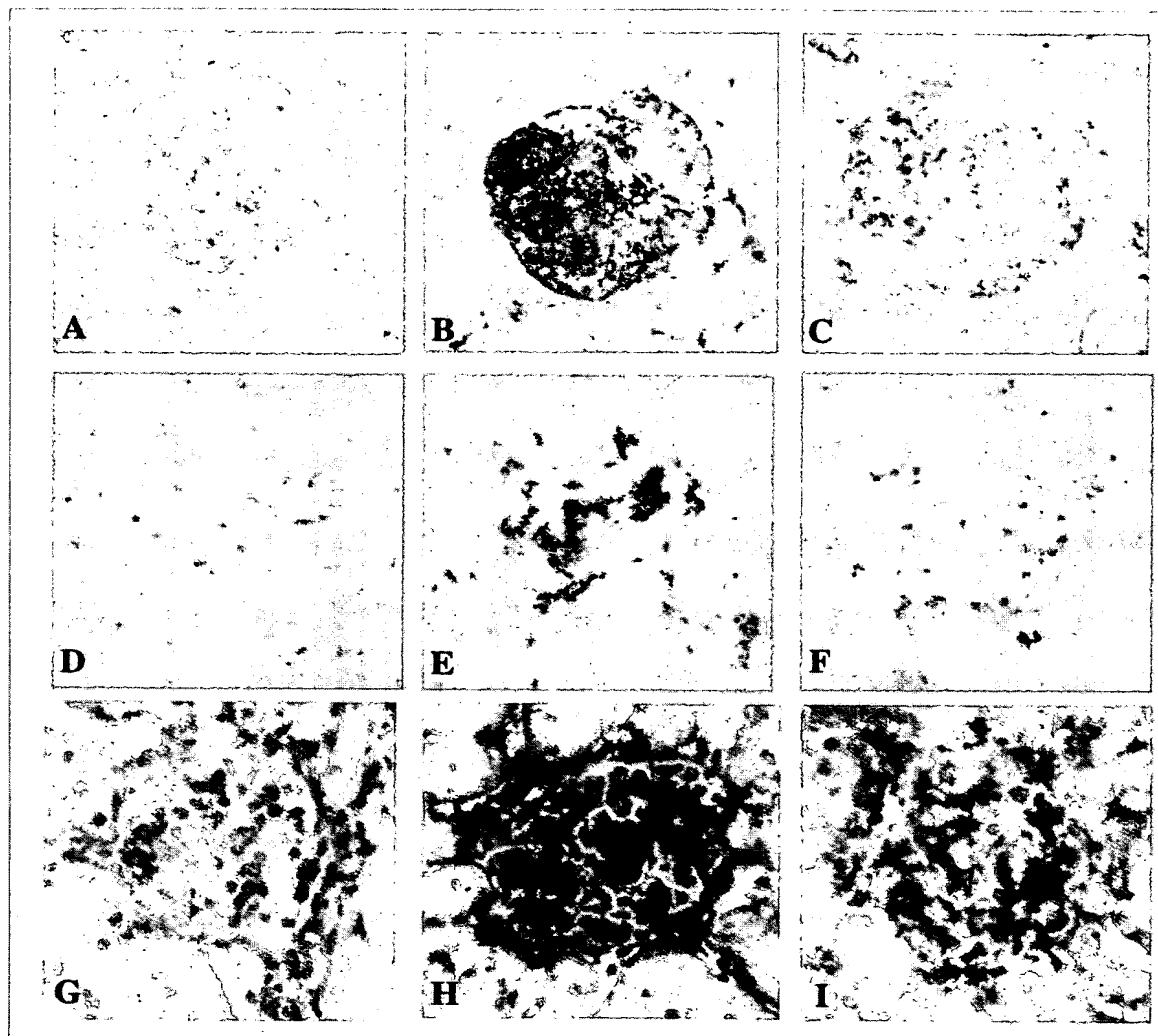


Fig. 12

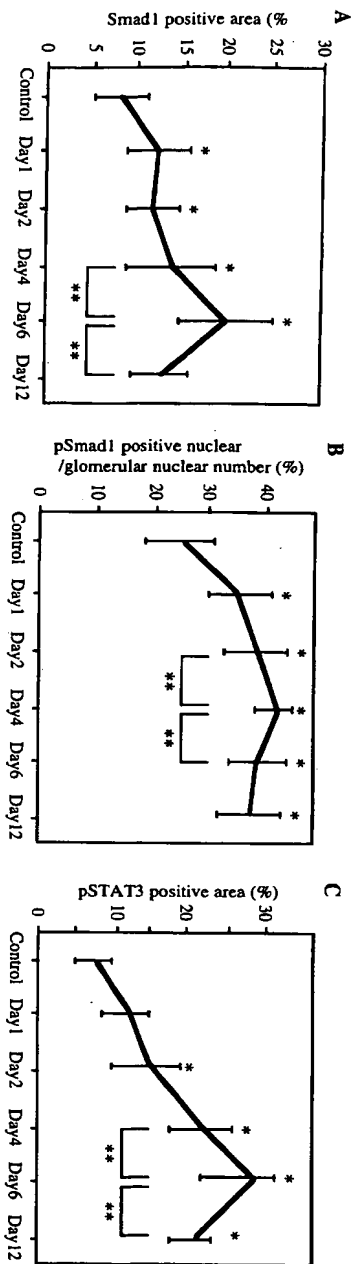


Fig. 13

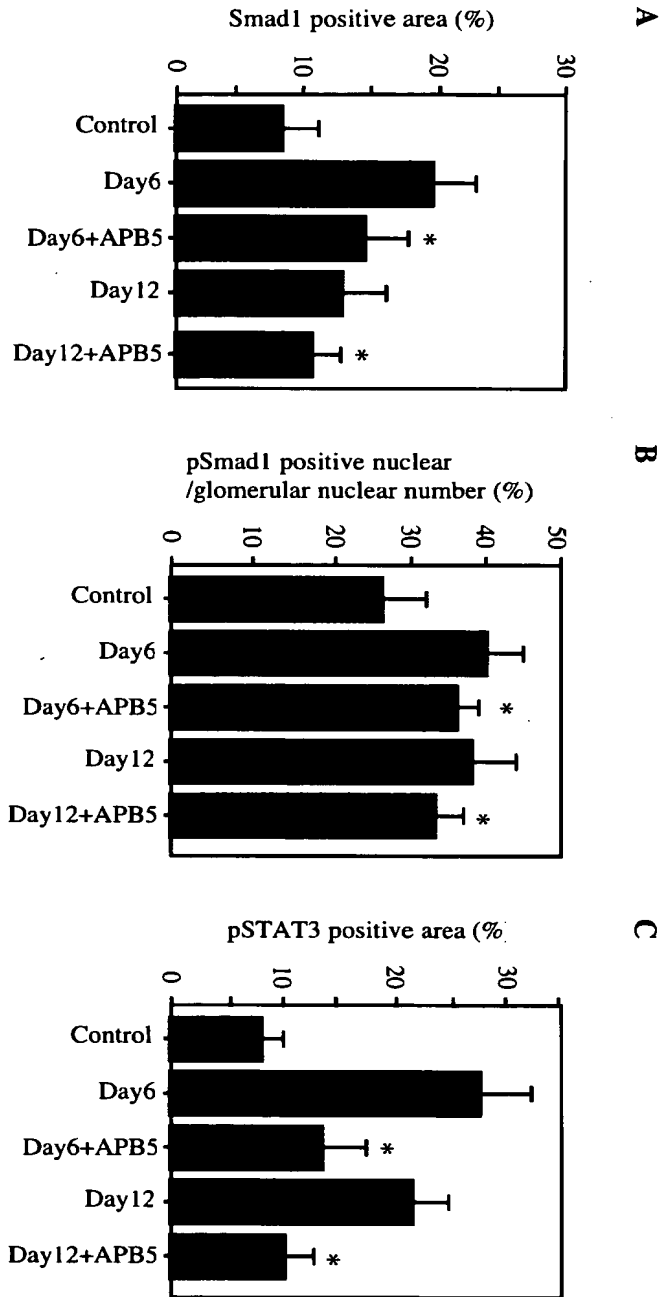


Fig. 14

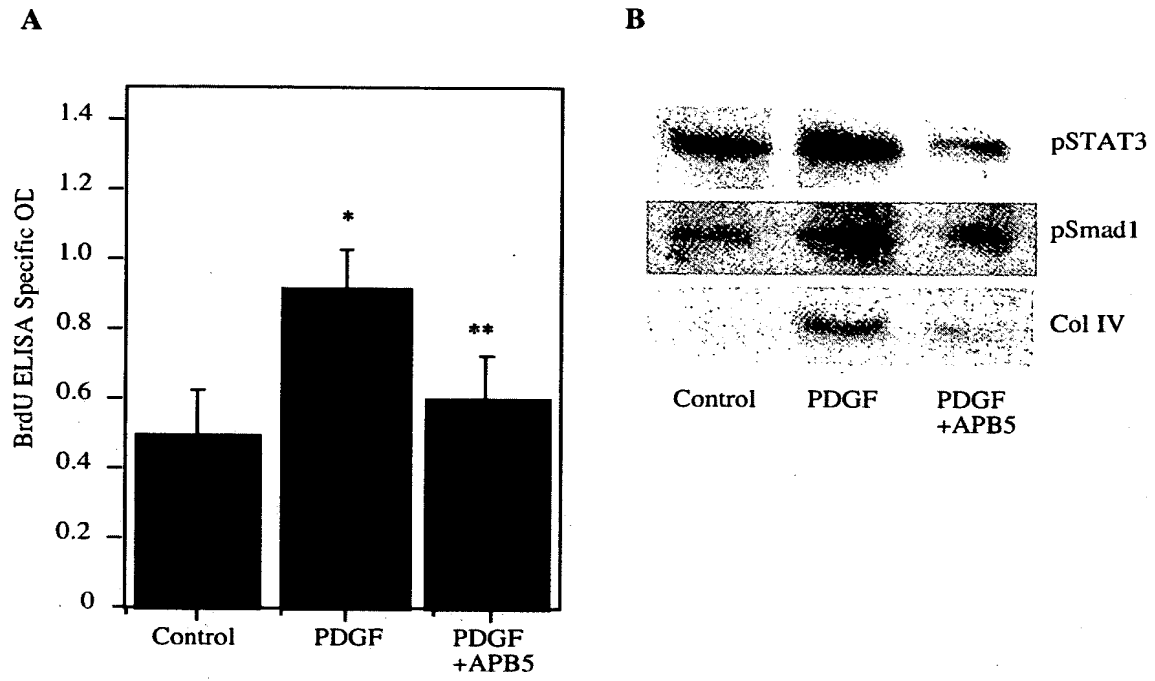


Fig. 15

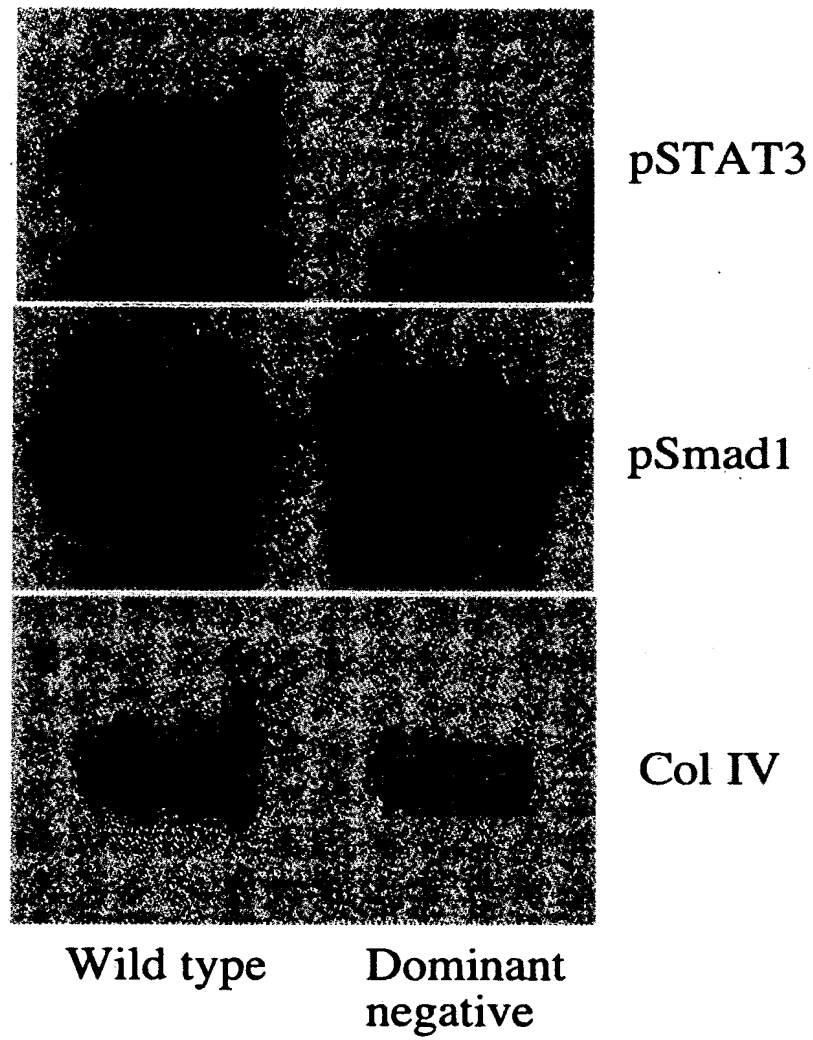


Fig. 16

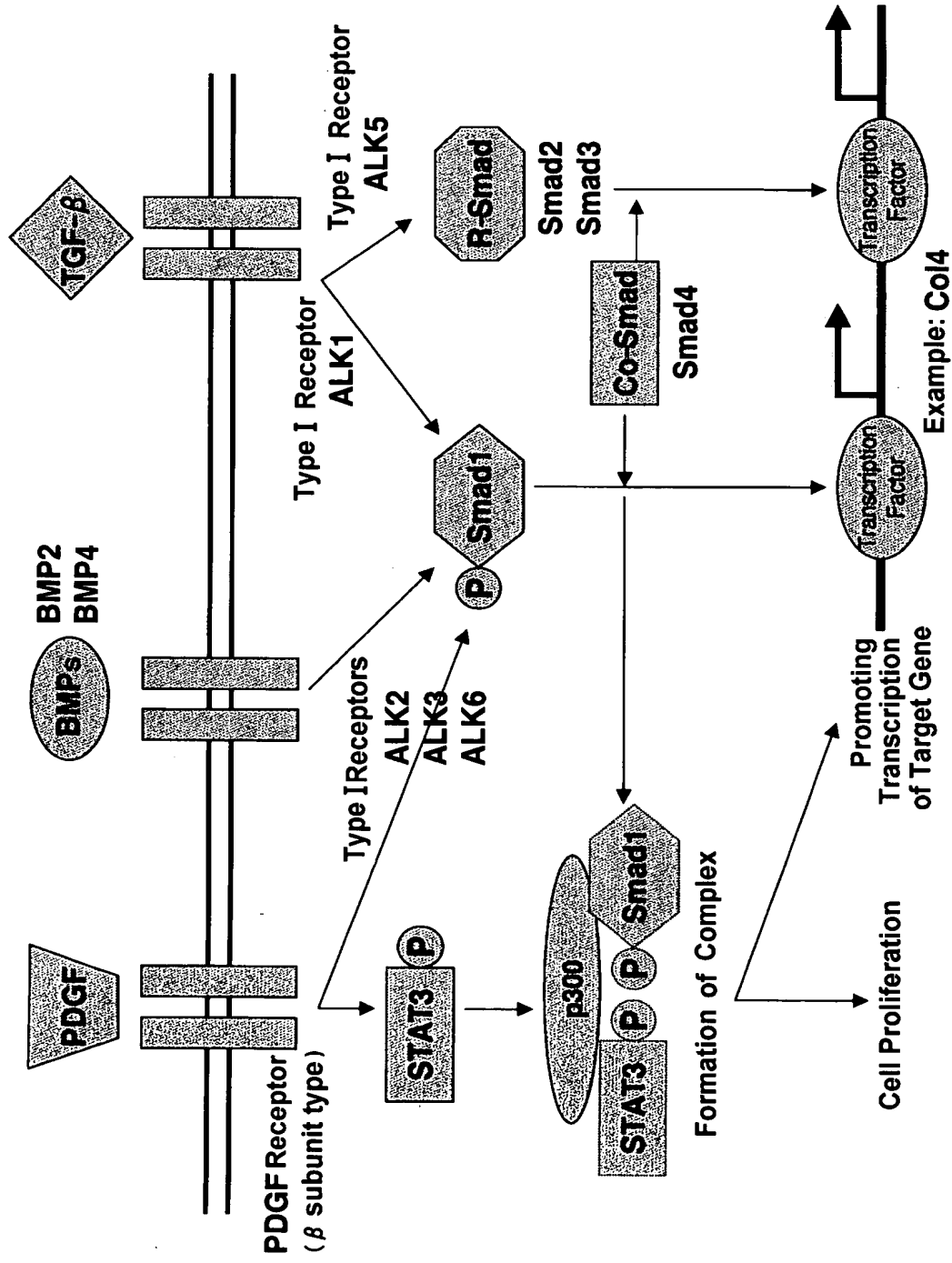
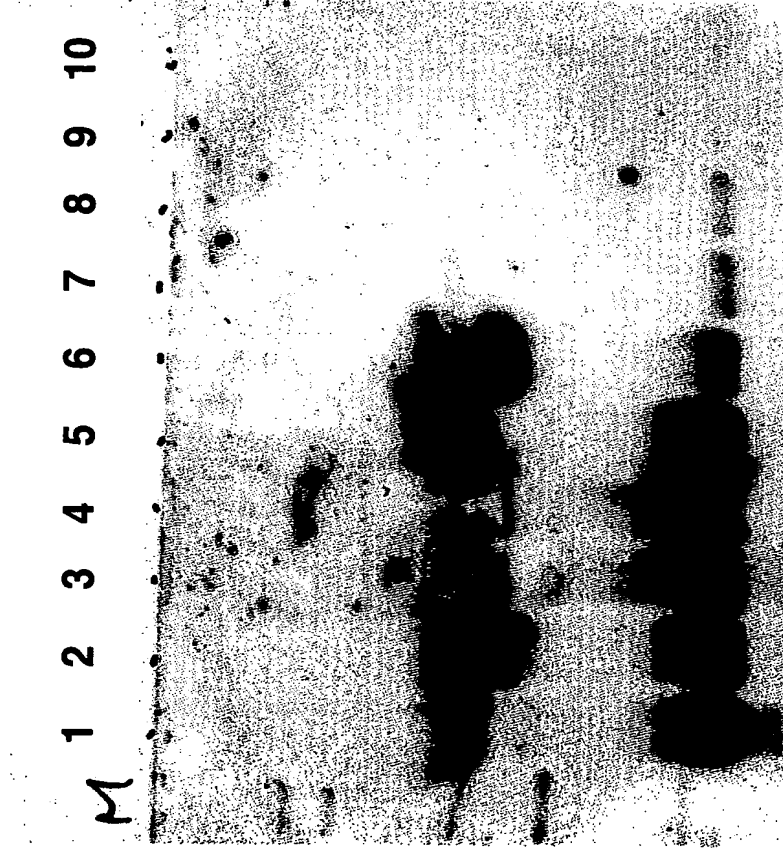


Fig. 17

Western blot (human urine ALK-1)



- Lanes 1-5: diabetic nephropathy
- Lane 6: mitochondrial disease in which diabetes is complicated with sclerosing, renal proliferative disease
- Lanes 7-8: diabetes + nephritis (without sclerosis)
- Lanes 9-10: normal

Fig. 18

Western blot (human urine ALK-1)

Treatment

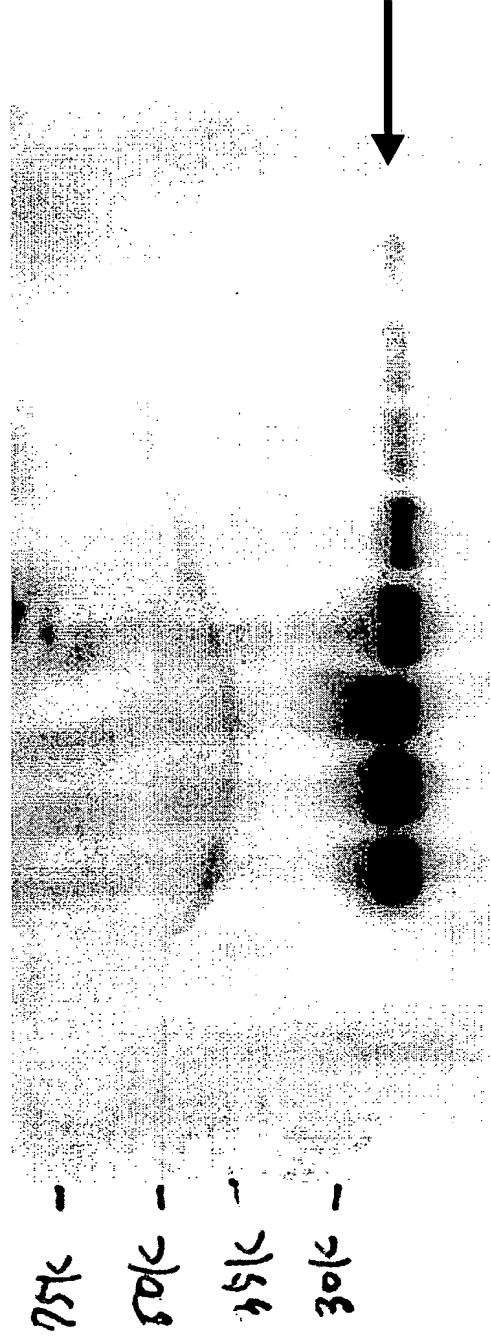
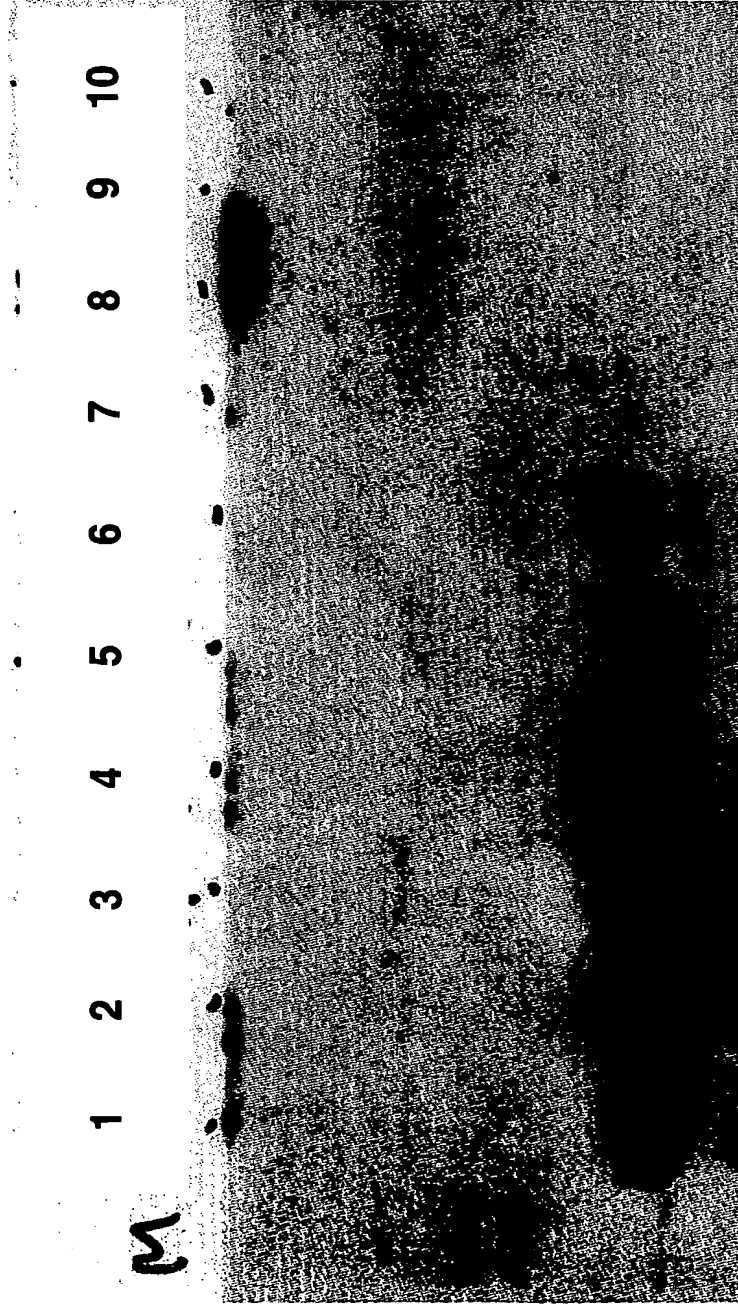


Fig. 19

Western blot (human urine Smad1)



Lanes 1-5: diabetic nephropathy

Lane 6: mitochondrial disease in which diabetes is complicated with sclerosing, renal proliferative disease

Lanes 7-8: diabetes + nephritis (without sclerosis)

Lanes 9-1: normal